

## INTERNATIONAL SEARCH REPORT

Intern. Application No

PCT/IB2004/004234

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D487/04 A61K31/495

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	US 6 313 124 B1 (HE LIQI ET AL) 6 November 2001 (2001-11-06) cited in the application column 10, lines 24ff	1-30
Y	WO 97/29109 A (JANSSEN PHARMACEUTICA N.V; NEUROCRINE BIOSCIENCES INC; CHEN, CHEN; WEB) 14 August 1997 (1997-08-14) cited in the application claim 1 and p.5, line 26	1-30

☐ Further documents are listed in the continuation of box C☒ Patent family members are listed in annex.

## \* Special categories of cited documents

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

20 June 2005

Date of mailing of the international search report

27/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Wolf, C

# INTERNATIONAL SEARCH REPORT

International application No. PCT/IB2004/004234

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: claims 24-30 in respect of industrial applicability because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 24-30 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

information on patent family members

Intern. Application No

PCT/IB2004/004234

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6313124	B1	06-11-2001	US 6124289 A	26-09-2000
			AT 264860 T	15-05-2004
			AU 748818 B2	13-06-2002
			AU 2478799 A	16-08-1999
			BR 9908206 A	05-12-2000
			CA 2314613 A1	05-08-1999
			CN 1289335 A ,C	28-03-2001
			CN 1542010 A	03-11-2004
			DE 69916578 D1	27-05-2004
			DE 69916578 T2	31-03-2005
			DK 1049699 T3	05-07-2004
			EP 1344779 A1	17-09-2003
			EP 1049699 A1	08-11-2000
			ES 2218991 T3	16-11-2004
			JP 2002501922 T	22-01-2002
			NZ 505079 A	29-08-2003
			NZ 524842 A	31-10-2003
			PL 342183 A1	21-05-2001
			PT 1049699 T	31-08-2004
			SI 1049699 T1	31-10-2004
			TW 520372 B	11-02-2003
			WO 9938868 A1	05-08-1999
			US 2003008885 A1	09-01-2003
			BR 9710544 A	17-08-1999
			CA 2259583 A1	29-01-1998
			CN 1327793 A	26-12-2001
			CN 1388126 A	01-01-2003
			CN 1225637 A ,C	11-08-1999
			CZ 9900184 A3	17-11-1999
			EA 4403 B1	29-04-2004
			EE 9900019 A	16-08-1999
			HR 970413 A1	31-10-1998
			JP 2002513382 T	08-05-2002
			JP 2005097257 A	14-04-2005
			NO 990264 A	10-03-1999
			NZ 333777 A	28-07-2000
			PL 331523 A1	19-07-1999
			SI 9720045 A	31-10-1999
			SK 9799 A3	01-04-2005
			US 6136809 A	24-10-2000
			US 6060478 A	09-05-2000
			US 6191131 B1	20-02-2001
			US 6358950 B1	19-03-2002
<hr/>				
WO 9729109	A	14-08-1997	AU 713673 B2	09-12-1999
			AU 1599197 A	28-08-1997
			BG 102349 A	26-02-1999
			BR 9707391 A	20-07-1999
			CA 2233285 A1	14-08-1997
			CN 1205009 A	13-01-1999
			CZ 9802445 A3	14-10-1998
			DE 880523 T1	04-07-2002
			EA 980394 A1	29-10-1998
			EE 9800124 A	15-10-1998
			WO 9729109 A1	14-08-1997
			EP 0880523 A1	02-12-1998
			ES 2168237 T1	16-06-2002
			HU 9900575 A2	28-06-1999

# INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern. Patent Application No  
PCT/IB2004/004234

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9729109	A	ID 15905 A	14-08-1997
		JP 3356291 B2	16-12-2002
		JP 2000503661 T	28-03-2000
		JP 2002121194 A	23-04-2002
		NO 981357 A	03-08-1998
		NZ 330119 A	28-02-2000
		PL 327284 A1	07-12-1998
		SK 106398 A3	02-12-1998
		TR 9800792 T2	21-07-1998
		TW 449599 B	11-08-2001
		US 2003125341 A1	03-07-2003
		US 2004127483 A1	01-07-2004
		ZA 9700989 A	06-08-1998

---